

nanoBOX

Lifting stations

AN HIGH QUALITY POLYETHYLENE TANK INTENDED FOR COLLECTING WATER EXCLUSIVELY FROM DOMESTIC DRAINS, INCLUDING WASHING MACHINES, SHOWERS AND SINKS (NOT SUITED FOR WC'S). THE TANK HAS A 33 L MAXIMUM CAPACITY AND IS SUPPLIED WITH A ZENIT STEEL SERIES SUBMERSIBLE PUMP ALREADY INSTALLED. IT IS VERY VERSATILE AND EASY TO INSTALL.



nanoBOX
33L

Dimensions (mm).....410x360x310
Nr. of pumps.....1
Operation temperature.....35°C
Pre-installed pump.....DR-Steel 25 / DR-Steel 37

Including: DR-Steel pump, 10m standard cable, float switch.
Delivery port: DN32 (male thread).
Inlet: nr. 1 x DN30, nr. 1 x DN40.

AMS

Aeration and mixing systems

INTENDED FOR THE TREATMENT OF CIVIL AND INDUSTRIAL WASTEWATER.
9" AND 12" DISC-SHAPED AND 2" TUBULAR AIR DIFFUSERS WITH ELASTOMER MEMBRANES PROVIDING HIGH OXYGEN TRANSFER;
VENTURI-TYPE SUBMERGED AERATORS FOR A COMBINED MIXING AND AERATION ACTION, SUITABLE FOR HOMOGENIZATION TANKS AND STORING WATER FROM THE FIRST RAINFALL;
MIXERS AND FLOW-MAKERS WITH SELF-CLEANING PROPELLERS FROM 285 MM TO 2100 MM IN DIAMETER WITH A ROTATION SPEED FROM 1000 TO 27 RPM.



OXYPLATE
9"-12"

Micro-perforated elastomer membrane for continual/intermittent aeration and in high-efficiency permanent systems. Wastewater treatment and purification (for the activation of biological oxidation and nitrification process), pre-aeration and aeration processes in oxidation tanks and aerobic digestion plants for civil and industrial sludges.



OXYTUBE

Recommended for the construction of removable aeration systems and where a large output surface area is required with only a small number of air distribution pipelines. They consist of a head with threaded connection, rigid polypropylene support and tubular membrane in elastomer with tiny holes, secured with stainless steel band clamps.



SUBMERGED AERATORS

Aerators: the "Venturi" principle **oxy**, **system oxy** and **jetoxy** provide a combined mixing and aeration action. Coupled to electric pumps up to 30 kW and channel-type hydraulic units with large free passage combined with "oxy" series ejector devices.

Context of use: civil and industrial, wastewater treatment plants, sludge treatment or the oxygenation/pumping of water, fish farms, small treatment tanks, holding, homogenisation and stabilisation pits and tanks, first rainfall collection and oxidation tanks.

BlueBOX

Lifting stations

THE IDEAL SOLUTION FOR COLLECTING SEWAGE AND PUMPING IT INTO THE MAIN SEWER NETWORK.

THE BLUEBOX RANGE CONSISTS OF ROTARY MOULDED POLYETHYLENE TANKS OF 60, 90, 150 AND 250 LITRES FOR INSTALLATION WITH A SINGLE PUMP OR 400 LITRES FOR INSTALLATION WITH TWO PUMPS. THE 60, 90 AND 150L MODELS ARE RECOMMENDED FOR DOMESTIC SYSTEMS AND THE 250 AND 400L FOR CIVIL AND RESIDENTIAL PLANTS.



BlueBOX
90L

Dimensions (mm).....480x370x610
Nr. of pumps.....1
Operation temperature.....40°C
Recommended pumps.....DG Blue

Including: cable gland, PVC delivery pipe Ø 1½", emergency draining connector, gasket kit for inlet pipes 2xØ110, 1xØ75 and 1xØ50 mm, nr.1 special support to reduce the float switch level, use and maintenance booklet. Overflow alarm level optional.



BlueBOX
150L

Dimensions (mm).....580x480x660
Nr. of pumps.....1
Operation temperature.....40°C
Recommended pumps.....DGBlue, DGBluePRO, GRBluePRO

Including: cable gland, PVC delivery pipe Ø 1½", emergency draining connector, gasket kit for inlet pipes 2xØ110, 1xØ75 and 1xØ50 mm, nr.1 special support to reduce the float switch level, use and maintenance booklet. Overflow alarm level optional.



BlueBOX
250L

Dimensions (mm).....900x500x660
Nr. of pumps.....1
Operation temperature.....40°C
Recommended pumps.....DGBlue, DGBluePRO, GRBluePRO

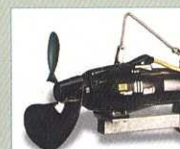
Including: cable gland, nr. 2 gaskets pipe Ø110, nr. 1 gasket pipe Ø75 mm.



BlueBOX
400L

Dimensions (mm).....900x1000x660
Nr. of pumps.....2
Operation temperature.....40°C
Recommended pumps.....DGBlue, DGBluePRO, GRBluePRO, DGO

Including: cable gland, nr. 4 gaskets pipe Ø110, nr. 2 gasket pipe Ø75 mm.



MIXERS

PRS, PRX and PRO series mixers are built in cast iron or stainless steel, propellers with self-cleaning design and diameter up to 850 mm. The electric motors are rated from 1.1 to 15 kW and have 4, 6 or 8 poles; transmission may be direct or by means of a planetary reduction gear.
Use: mixing processes where large quantities of liquid have to be kept in motion to prevent sedimentation.



FLOW MAKERS

Built in cast iron with stainless steel propeller. Propellers of self-cleaning design, up to 2100 mm in diameter. Electric motors from 0.8 to 5.5 kW with 4 or 6 poles, with planetary reduction gear.
Use: oxidation and denitrification tanks and all applications with a need to prevent sedimentation on the tank floor.